

=> d his full

(FILE 'HOME' ENTERED AT 16:03:04 ON 02 MAY 2007)

FILE 'REGISTRY' ENTERED AT 16:03:08 ON 02 MAY 2007

L1 STRUCTURE UPLOADED
L2 7 SEA SSS SAM L1
D SCA
E "SULFONIUM, CYCLOPENTYLDIMETHYL-, 1-HEXANESULFONATE"/CN
L3 1 SEA ABB=ON PLU=ON "SULFONIUM, CYCLOPENTYLDIMETHYL-, 1-HEXANES
ULFONATE"/CN
SEL RN
SEL CRN
L4 2 SEA ABB=ON PLU=ON 127615-31-0/CRN
L5 57 SEA ABB=ON PLU=ON 24613-78-3/CRN
L6 1 SEA ABB=ON PLU=ON L4 AND L5
L7 1 SEA ABB=ON PLU=ON L3 AND L6
D STAT QUE L2
L8 STRUCTURE UPLOADED
L9 4 SEA SSS SAM L1 AND L8
D SCA

FILE 'STNGUIDE' ENTERED AT 16:12:42 ON 02 MAY 2007

FILE 'REGISTRY' ENTERED AT 16:19:36 ON 02 MAY 2007

L10 STRUCTURE UPLOADED
L11 3 SEA SSS SAM L1 AND L10
D SCA
L12 STRUCTURE UPLOADED
L13 50 SEA SSS SAM L12 AND L10

FILE 'STNGUIDE' ENTERED AT 16:25:59 ON 02 MAY 2007

FILE 'REGISTRY' ENTERED AT 16:27:10 ON 02 MAY 2007

L*** DEL 0 S L13 AND ?.CL/MF
L14 0 SEA ABB=ON PLU=ON CL/MF AND L13
L15 91 SEA ABB=ON PLU=ON CL/MF
SEL RN
L16 10839 SEA ABB=ON PLU=ON (105657-93-0/CRN OR 12663-73-9/CRN OR
13981-24-3/CRN OR 13981-43-6/CRN OR 13981-72-1/CRN OR 13981-73-
2/CRN OR 14158-34-0/CRN OR 14276-51-8/CRN OR 14700-96-0/CRN OR
14835-24-6/CRN OR 149233-97-6/CRN OR 15175-82-3/CRN OR
15175-87-8/CRN OR 15585-26-9/CRN OR 15723-23-6/CRN OR 15758-13-
1/CRN OR 16077-65-9/CRN OR 16547-50-5/CRN OR 16748-24-6/CRN OR
16885-04-4/CRN OR 16887-00-6/CRN OR 16904-11-3/CRN OR 16904-12-
4/CRN OR 16999-02-3/CRN OR 187408-11-3/CRN OR 190908-56-6/CRN
OR 20193-13-9/CRN OR 20337-89-7/CRN OR 20499-73-4/CRN OR
22537-15-1/CRN OR 22537-27-5/CRN OR 22541-73-7/CRN OR 22541-74-
8/CRN OR 24203-47-2/CRN OR 29675-37-4/CRN OR 31663-49-7/CRN OR
32997-85-6/CRN OR 33944-49-9/CRN OR 34809-77-3/CRN OR 34937-26-
3/CRN OR 351014-34-1/CRN OR 351014-35-2/CRN OR 351014-36-3/CRN
OR 351014-37-4/CRN OR 37352-90-2/CRN OR 388094-97-1/CRN OR
40211-30-1/CRN OR 40211-32-3/CRN OR 42150-36-7/CRN OR 460325-39
-7/CRN OR 460325-42-2/CRN OR 51515-65-2/CRN OR 51515-66-3/CRN
OR 51515-67-4/CRN OR 51515-68-5/CRN OR 521084-87-7/CRN OR
521084-88-8/CRN OR 53378-10-2/CRN OR 56166-77-9/CRN OR
56183-51-8/CRN OR 57367-93-8/CRN OR 59348-68-4/CRN OR 61126-31-
6/CRN OR 61126-32-7/CRN OR 61126-33-8/CRN OR 61126-34-9/CRN OR
61126-35-0/CRN OR 69466-18-8/CRN OR 69491-87-8/CRN OR 70746-43-
9/CRN OR 70746-44-0/CRN OR 70746-45-1/CRN OR 72062-00-1/CRN OR

73913-13-0/CRN OR 73913-14-1/CRN OR 810665-66-8/CRN OR
 81271-00-3/CRN OR 81271-01-4/CRN OR 81271-02-5/CRN OR 81271-03-
 6/CRN OR 81271-04-7/CRN OR 81271-05-8/CRN OR 81271-06-9/CRN OR
 81271-07-0/CRN OR 81271-08-1/CRN OR 81271-09-2/CRN OR 81271-10-
 5/CRN OR 81271-11-6/CRN OR 833445-94-6/CRN OR 849623-47-8/CRN
 OR 98603-80-6/CRN)

D COST

D COST FULL

L17 0 SEA ABB=ON PLU=ON L16 AND L13

FILE 'STNGUIDE' ENTERED AT 16:41:40 ON 02 MAY 2007

FILE 'CASREACT' ENTERED AT 16:46:06 ON 02 MAY 2007

L18 STRUCTURE UPLOADED

L19 1 SEA SSS SAM L18 (1 REACTIONS)

D SCA

L20 19 SEA SSS FUL L18 (76 REACTIONS)

D SCA

SAVE TEMP L20 VAL255CASREA/A

FILE 'REGISTRY' ENTERED AT 16:51:08 ON 02 MAY 2007

D STAT QUE L13

L21 STRUCTURE UPLOADED

L*** DEL 50 S L10 AND L21 SAM SSS

L22 50 SEA SSS SAM L12 AND L21

D STAT QUE L22

L23 10220 SEA SSS FUL L12 AND L21

SAVE TEMP L23 VAL2551221/A

L24 9539 SEA ABB=ON PLU=ON L23 AND X>0

L25 9954 SEA ABB=ON PLU=ON L23 AND NC>1

L26 9372 SEA ABB=ON PLU=ON L25 AND L24

L27 1706 SEA ABB=ON PLU=ON L26 AND ?CHLORIDE?/CNS

L28 1463 SEA ABB=ON PLU=ON L26 AND ?BROMIDE?/CNS

L29 1528 SEA ABB=ON PLU=ON L26 AND ?IODIDE?/CNS

L30 36 SEA ABB=ON PLU=ON L26 AND ?FLUORIDE?/CNS

D COST

L31 4709 SEA ABB=ON PLU=ON (L27 OR L28 OR L29 OR L30)

L32 925 SEA ABB=ON PLU=ON L23 AND S>1 AND O>2

L33 786 SEA ABB=ON PLU=ON L32 AND L25

L34 384 SEA ABB=ON PLU=ON L33 NOT L31

E "COBALT(2+), (M-(((2,3-H:2,3-H)-2-BUTYNE-1,4-DIYL)

L35 1 SEA ABB=ON PLU=ON "COBALT(2+), (M-(((2,3-H:2,3-H)-
 2-BUTYNE-1,4-DIYL) BIS (DIMETHYLSULFONIUM))) HEXACARBONYLDI-,
 (CO-CO), BIS (TETRAFLUOROBORATE(1-)) "/CN

SEL CRN

L36 63169 SEA ABB=ON PLU=ON 14874-70-5/CRN

L37 309 SEA ABB=ON PLU=ON L34 NOT L36

E "SULFONIUM, (8-BENZOYL-2-DIBENZOTHIENYL) BIS (4-NITROPHENYL) -, (
 L38 1 SEA ABB=ON PLU=ON "SULFONIUM, (8-BENZOYL-2-DIBENZOTHIENYL) BIS
 (4-NITROPHENYL) -, (OC-6-11) -HEXAFLUOROANTIMONATE(1-) "/CN

SEL CRN

L39 6871 SEA ABB=ON PLU=ON 17111-95-4/CRN

L40 272 SEA ABB=ON PLU=ON L37 NOT L39

E "SULFONIUM, (4-((4-BENZOYL-2-CHLOROPHENYL) THIO] PHENYL) BIS (4- (
 L41 1 SEA ABB=ON PLU=ON "SULFONIUM, (4-((4-BENZOYL-2-CHLOROPHENYL) T
 HIO) PHENYL) BIS (4- (2-HYDROXYETHYL) PHENYL) -, HEXAFLUOROPHOSPHATE (1-)
 1-)/CN

SEL CRN

L42 63818 SEA ABB=ON PLU=ON 16919-18-9/CRN

L43 233 SEA ABB=ON PLU=ON L40 NOT L42

FILE 'CAPLUS' ENTERED AT 17:11:56 ON 02 MAY 2007

L44 4335 SEA ABB=ON PLU=ON L31
L45 219 SEA ABB=ON PLU=ON L43
L46 1725 SEA ABB=ON PLU=ON L44 (L) (RACT OR RGT OR RCT)/RL
L47 68 SEA ABB=ON PLU=ON L43/P
L48 4 SEA ABB=ON PLU=ON L46 AND L47
D SCA
L49 3303 SEA ABB=ON PLU=ON TOMITA K?/AU
L50 2885 SEA ABB=ON PLU=ON ISHII S?/AU
L51 8 SEA ABB=ON PLU=ON L49 AND L50
L52 0 SEA ABB=ON PLU=ON (L49 OR L50) AND L48

FILE 'REGISTRY' ENTERED AT 17:14:55 ON 02 MAY 2007

FILE 'CAPLUS' ENTERED AT 17:14:58 ON 02 MAY 2007
D STAT QUE L51
L53 9797 SEA ABB=ON PLU=ON ONIUM/BI
L54 4 SEA ABB=ON PLU=ON (L49 OR L50) AND L53
D STAT QUE L54
L55 11 SEA ABB=ON PLU=ON L51 OR L54
D IBIB ABS HITIND L55 1-11

FILE 'REGISTRY' ENTERED AT 17:17:08 ON 02 MAY 2007
D STAT QUE L48

FILE 'CASREACT' ENTERED AT 17:17:18 ON 02 MAY 2007
D STAT QUE L20

FILE 'CAPLUS, CASREACT' ENTERED AT 17:17:31 ON 02 MAY 2007
L56 22 DUP REM L48 L20 (1 DUPLICATE REMOVED)
ANSWERS '1-4' FROM FILE CAPLUS
ANSWERS '5-22' FROM FILE CASREACT
D IBIB ABS HITIND HITSTR L56 1-4
D IBIB ABS HIT L56 5-22

FILE 'STNGUIDE' ENTERED AT 17:20:01 ON 02 MAY 2007

FILE 'CAPLUS' ENTERED AT 17:24:44 ON 02 MAY 2007
SEL RN L54

FILE 'REGISTRY' ENTERED AT 17:25:17 ON 02 MAY 2007
L57 198 SEA ABB=ON PLU=ON (5421-53-4/BI OR 100-02-7/BI OR 104-15-4/BI
OR 106-44-5/BI OR 106-45-6/BI OR 106-48-9/BI OR 106-54-7/BI
OR 108-39-4/BI OR 108-95-2/BI OR 108-98-5/BI OR 109210-47-1/BI
OR 109787-11-3/BI OR 112577-74-9/BI OR 1133-17-1/BI OR
115-80-0/BI OR 122-51-0/BI OR 13612-83-4/BI OR 13891-29-7/BI
OR 142342-33-4/BI OR 144317-44-2/BI OR 1483-72-3/BI OR
1493-13-6/BI OR 150-76-5/BI OR 157959-61-0/BI OR 1745-81-9/BI
OR 181237-24-1/BI OR 181237-25-2/BI OR 181237-26-3/BI OR
181237-27-4/BI OR 181237-28-5/BI OR 181237-29-6/BI OR 181237-30
-9/BI OR 181237-31-0/BI OR 181237-32-1/BI OR 181237-33-2/BI OR
181237-34-3/BI OR 181237-35-4/BI OR 181237-36-5/BI OR 181237-37
-6/BI OR 181237-38-7/BI OR 181237-39-8/BI OR 181237-40-1/BI OR
181237-41-2/BI OR 181237-42-3/BI OR 181237-43-4/BI OR 181237-44
-5/BI OR 181237-45-6/BI OR 181237-46-7/BI OR 181237-47-8/BI OR
181237-48-9/BI OR 181237-49-0/BI OR 181237-50-3/BI OR 181237-51
-4/BI OR 181237-52-5/BI OR 181237-53-6/BI OR 181237-54-7/BI OR
181237-55-8/BI OR 181237-56-9/BI OR 181237-57-0/BI OR 181237-58
-1/BI OR 181237-59-2/BI OR 181237-60-5/BI OR 181237-61-6/BI OR

181237-62-7/BI OR 181237-63-8/BI OR 181237-64-9/BI OR 181237-65-0/BI OR 181237-66-1/BI OR 181237-67-2/BI OR 185195-27-1/BI OR 185195-30-6/BI OR 195244-72-5/BI OR 220122-68-9/BI OR 2307-69-9/BI OR 2365-48-2/BI OR 246864-24-4/BI OR 2581-34-2/BI OR 258503-95-6/BI OR 258503-96-7/BI OR 258503-98-9/BI OR 258503-99-0/BI OR 258504-01-7/BI OR 272459-89-9/BI OR 28188-48-9/BI OR 29420-49-3/BI OR 313-50-8/BI OR 3144-16-9/BI OR 333-27-7/BI OR 3353-89-7/BI OR 3354-57-2/BI OR 342809-19-2/BI OR 342809-20-5/BI OR 342809-21-6/BI OR 342809-22-7/BI OR 342809-23-8/BI OR 342809-24-9/BI OR 342809-25-0/BI OR 342809-26-1/BI OR 342809-27-2/BI OR 342809-28-3/BI OR 367-12-4/BI OR 3744-08-9/BI OR 51-28-5/BI OR 512-56-1

L58 129 SEA ABB=ON PLU=ON L57 AND S>0
L59 37 SEA ABB=ON PLU=ON L58 AND NC>1

FILE 'CAPLUS' ENTERED AT 17:28:19 ON 02 MAY 2007
E US2003-660255/APPS

L60 1 SEA ABB=ON PLU=ON US2003-660255/AP
SEL RN

FILE 'REGISTRY' ENTERED AT 17:28:52 ON 02 MAY 2007

L61 47 SEA ABB=ON PLU=ON (104-15-4/BI OR 109787-11-3/BI OR 112577-74-9/BI OR 115-80-0/BI OR 122-51-0/BI OR 13612-83-4/BI OR 13891-29-7/BI OR 142342-33-4/BI OR 144317-44-2/BI OR 1483-72-3/BI OR 1493-13-6/BI OR 157959-61-0/BI OR 185195-27-1/BI OR 185195-30-6/BI OR 195244-72-5/BI OR 220122-68-9/BI OR 2307-69-9/BI OR 272459-89-9/BI OR 29420-49-3/BI OR 313-50-8/BI OR 3144-16-9/BI OR 333-27-7/BI OR 3353-89-7/BI OR 342809-19-2/BI OR 342809-20-5/BI OR 342809-21-6/BI OR 342809-22-7/BI OR 342809-23-8/BI OR 342809-24-9/BI OR 342809-25-0/BI OR 342809-26-1/BI OR 342809-27-2/BI OR 342809-28-3/BI OR 3744-08-9/BI OR 512-56-1/BI OR 5421-53-4/BI OR 60453-92-1/BI OR 62319-13-5/BI OR 6293-66-9/BI OR 64-67-5/BI OR 66003-76-7/BI OR 66003-78-9/BI OR 77-78-1/BI OR 78-39-7/BI OR 78-40-0/BI OR 80-48-8/BI OR 84563-54-2/BI)

L62 2 SEA ABB=ON PLU=ON L31 AND L61
D SCA

L63 28 SEA ABB=ON PLU=ON L61 AND X>0

L64 21 SEA ABB=ON PLU=ON L63 AND S>0
D SCA L64
D SCA L62

L65 0 SEA ABB=ON PLU=ON L43 AND L61

L66 31 SEA ABB=ON PLU=ON L61 AND S>0 AND O>2
D SCA

L67 19 SEA ABB=ON PLU=ON L66 AND NC>1

L68 1 SEA ABB=ON PLU=ON L67 AND L23
D SCA

FILE 'CAPLUS' ENTERED AT 17:35:06 ON 02 MAY 2007

L69 127 SEA ABB=ON PLU=ON L67/P

L70 34 SEA ABB=ON PLU=ON L46 AND L69

L71 34 SEA ABB=ON PLU=ON L70 NOT L48

FILE 'CASREACT, CAPLUS' ENTERED AT 17:37:03 ON 02 MAY 2007

L72 53 DUP REM L20 L70 (0 DUPLICATES REMOVED)
ANSWERS '1-19' FROM FILE CASREACT
ANSWERS '20-53' FROM FILE CAPLUS

FILE 'REGISTRY' ENTERED AT 17:37:23 ON 02 MAY 2007

FILE 'CAPLUS' ENTERED AT 17:37:25 ON 02 MAY 2007
D STAT QUE L72

FILE 'CASREACT, CAPLUS' ENTERED AT 17:38:14 ON 02 MAY 2007
D IBIB ABS HITIND HITSTR L72 20-53

FILE 'CAPLUS' ENTERED AT 17:38:24 ON 02 MAY 2007

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 1 MAY 2007 HIGHEST RN 934050-43-8
DICTIONARY FILE UPDATES: 1 MAY 2007 HIGHEST RN 934050-43-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Apr 27, 2007 (20070427/UP).

FILE CASREACT

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 29 Apr 2007 VOL 146 ISS 19

New CAS Information Use Policies, enter HELP USAGETERMS for details.

*
* CASREACT now has more than 12 million reactions *
*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1999)
provided by InfoChem, INPI data prior to 1986, and Biotransformations
database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance
identification.

FILE CAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 2 May 2007 VOL 146 ISS 19
FILE LAST UPDATED: 1 May 2007 (20070501/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=>